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- 1 [Supporting information access in a hospital ward by a context-aware](#)
 B. Skov, Th. Heegh
 March 2006 **Personal and Ubiquitous Computing**, Volume 10 Issue 4
Publisher: Springer-Verlag
 Full text available: [Pdf](#) (381.94 KB) [Additional Information: full citation, abstra](#)
Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 120, Downl

Context-awareness holds promise for improving the utility of software p encompass the ability to automatically discover and react to changes in context-aware mobile systems aim to ...

Keywords: Context-awareness, Human-computer interaction, Mobile c

- 2 [Combating information overload in non-visual web access using con](#)
 Jalal Mahmud, Yevgen Borodin, Dipanjan Das, L. V. Ramakrishnan
 January 2007 **IUI '07: Proceedings of the 12th international conference on**
Publisher: ACM [Request Permissions](#)
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Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 39, Downloa

Web sites are designed for graphical mode of interaction. Sighted users quickly identify relevant information. In contrast, visually-disabled indiv browse the Web. Screen readers ...

Keywords: CSurf, context, information rearrangement, screen-reader, navigation

- 3 [User interactions with everyday applications as context for just-in-tim](#)
 Jay Budzik, Kristian J. Hammond
 January 2000 **IUI '00: Proceedings of the 5th international conference on I**
Publisher: ACM [Request Permissions](#)
 Full text available: [Pdf](#) (1.28 MB) [Additional Information: full citation, abstra](#)
Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 105, Downl

Our central claim is that user interactions with everyday productivity ap browsers, etc.) provide rich contextual information that can be leverage

relevant information. We ...

Keywords: context, information agent, intelligent information access, r

4 [Implicit relevance feedback in interactive music: issues, challenges, ...](#)



Lars Graugaard

October 2006 **IIIX**: Proceedings of the 1st international conference on Infor

Publisher: ACM

Full text available: Pdf (456.83 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 56, Download

This paper presents methods for correlating a human performer and a s
Implicit Relevance Feedback (IRF) using Graugaard's expanded model f
The research is the result of experience ...

Keywords: personalized and collaborative information access in contex
behavior in media and genre-dependent applications

5 [Improving proactive information systems](#)



Daniel Billsus, David M. Hilbert, Dan Maynes-Aminzade

January 2005 **IUI '05**: Proceedings of the 10th international conference on

Publisher: ACM Request Permissions

Full text available: Pdf (833.30 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 48, Download

Proactive contextual information systems help people locate informatior
relevant resources based on their current tasks or interests. Such syste
but designing user interfaces ...

Keywords: agents, context, proactive recommendations

6 [Detecting context-differentiating terms using competitive learning](#)



Travis L. Bauer, David B. Leake

September 2003 **SI GIR Forum** , Volume 37 Issue 2

Publisher: ACM

Full text available: Pdf (1.15 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 6, Download

Personal information agents monitor ongoing user information accesses
relevant information. Providing the needed information requires effectiv
context, based on available ...

7 [Information access for context-aware appliances \(poster session\)](#)



Gareth J. F. Jones, Peter J. Brown

July 2000 **SI GIR '00**: Proceedings of the 23rd annual international ACM
development in information retrieval

Publisher: ACM Request Permissions

Full text available: Pdf (310.36 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 21, Download


The emergence of networked context-aware mobile computing appliances and remote access to huge online information resources. Information access can utilize existing techniques developed ...

8 [Exploring context-awareness for ubiquitous computing in the healthcare](#)

Jesper Kjeldskov, Mikael B. Skov

October 2007 **Personal and Ubiquitous Computing**, Volume 11 Issue 7

Publisher: Springer-Verlag


Full text available:  Pdf (443.89 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 203, Download


Ubiquitous technologies have potentials to play major roles in different areas where applying ubiquitous technologies has been given a lot of attention. Here, users are frequently ...

9 [Vers la définition du contexte d'un utilisateur mobile de système de r](#)

 Ourdia Boudghaghen, Lynda Tamime-Lechani, Mohand Boughanem

July 2009 **UbiMob '09: Proceedings of the 5th French-Speaking Conference on Ubiquitous Computing**

Publisher: ACM 

Full text available:  Pdf (936.60 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 14, Download

The mobile user differs from the desktop user in that his handheld device and allows him access to information at any time from anywhere. Context-aware environments aims to tackle the problem ...


Keywords: context-aware profile, contextual information retrieval, location, situation, time

10 [Access control management in a distributed environment supporting](#)

 Basit Shafiq, Elisa Bertino, Arif Ghafoor

November 2005 **DIEM '05: Proceedings of the 2005 workshop on Digital Identity Management**

Publisher: ACM 

Full text available:  Pdf (261.07 KB)


Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 63, Download

Ensuring secure and authorized access to remote services and information in a distributed environment is a challenging task. Two major issues that need to be addressed are access control requirements ...

Keywords: GTRBAC, access control, collaboration, trust management

11 [Web search personalization with ontological user profiles](#)

 Ahsan Sleg, Bamshad Mobasher, Robin Burke

November 2007 **CIKM '07: Proceedings of the sixteenth ACM conference on Information and Knowledge Management**

Additional Information: [full citation](#), [abstract](#)

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (384.62 KB)


[Additional Information: full citation, abstract](#)


Bibliometrics: Downloads (6 Weeks): 59, Downloads (12 Months): 331, Downloads

Every user has a distinct background and a specific goal when searching. Web search personalization is to tailor search results to a particular user's preferences. Effective personalization ...

Keywords: ontological user profiles, search personalization, user context

12 Accessibility as a quality requirement: geographic information system

 Juliano Schimiguel, Amanda Meincke Melo, M. Cecilia C. Baranauskas, Clau October 2005 **CLIC '05: Proceedings of the 2005 Latin American conference**
Publisher: ACM

Full text available:  Pdf (974.48 KB)


[Additional Information: full citation, abstract](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 117, Downloads


Web applications enable users with different profiles and necessities to use locations and with different access tools. Besides the aspects that have the Software Quality domain, the ...

Keywords: accessibility, quality, web GIS applications

13 User modeling for full-text federated search in peer-to-peer networks

 Jie Lu, Jamie Callan August 2006 **SIGIR '06: Proceedings of the 29th annual international ACM development in information retrieval**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (269.63 KB)


[Additional Information: full citation, abstract](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 90, Downloads


User modeling for information retrieval has mostly been studied to improve access in centralized repositories. In this paper we explore user modeling search in peer-to-peer networks. ...

Keywords: federated search, peer-to-peer, query clustering, user modeling

14 Emergent application integration of ubiquitous information systems (U

 David Bell July 2009 **SIPE '09: Proceedings of the 4th international workshop on Semantic environments**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.92 MB)

[Additional Information: full citation, abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 76, Downloads

Ubiquitous information systems (UBIS) extend current Information Systems technology between hardware devices and software components with re


content to support specific user actions ...

Keywords: architecture, semantic web, ubiquitous computing

15 Metaphors and Context-Aware Information Access

Peter Coschurba, Joachim Baumann, Uwe Kubach, Alexander Leonhardt
January 2001 **Personal and Ubiquitous Computing**, Volume 5 Issue 1

Publisher: Springer-Verlag


Full text available:  Pdf (58.04 KB)

Additional Information: full citation, abstracts

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 20, Downloads

Metaphors are often used to provide the user with a mental model to ease such a metaphor is the commonly used "Desktop Metaphor". Metaphors information access for ...

16 Salton Award Lecture - Information retrieval and computer science: 1999

 W. Bruce Croft
July 2003

SI GIR '03: Proceedings of the 26th annual international ACM development in information retrieval

Publisher: ACM 


Full text available:  Pdf (132.44 KB)

Additional Information: full citation, abstracts


Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 121, Downloads

Following the tradition of these acceptance talks, I will be giving my third discussion of the future of information retrieval (IR) research, however, history and relationship ...

17 Hypertext links in Lotus Notes and the World Wide Web

 Kate Ehrlich, Alex Lee, Phillip Ritari
September 1995 **SIGWEB Newsletter**, Volume 4 Issue 2

Publisher: ACM


Full text available:  Pdf (261.93 KB)

Additional Information: full citation, abstracts


Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 15, Downloads

At the Digital Libraries conference in Texas in 1994 we presented a paper on information access in a customer support organization [1]. That study resulted in information filtering and ...

18 Collaborative information retrieval (CIR)

 Susan Dumais, Jonathan Grudin, Steven Pollock, Harry Bruce, Raya Fidel,
April 2000 **CHI '00:** CHI '00 extended abstracts on Human factors in computing

Publisher: ACM 

Full text available:  Pdf (85.79 KB)


Additional Information: full citation, abstracts

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 24, Downloads

Most information retrieval and management tools have been developed around search interfaces, and online catalogs support individual searchers work library settings, however, teamwork ...


Keywords: CSCW, IR, collaboration, information retrieval, workgroup

19 [Emerging opportunities for theoretical computer science](#)

 Alfred V. Aho, David S. Johnson, Richard M. Karp, S. Rao Kosaraju, Catherine Papadimitriou, Pavel Pevzner

September 1997 **SIGACT News** , Volume 28 Issue 3

Publisher: ACM


Full text available:  Pdf (848.55 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 27, Downloads


The principles underlying this report can be summarized as follows: 1. A computer science. 2. Theory can be enriched by practice. 3. Practice can be guided by (2) and (3), the value, ...

20 [An integrated approach to engineer and enforce context constraints](#)

 Mark Strembeck, Gustaf Neumann

August 2004 **Transactions on Information and System Security (TISS)**

Publisher: ACM 

Full text available:  Pdf (3.06 MB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 100, Downloads

We present an approach that uses special purpose role-based access control access control decisions on context information. In our approach a context RBAC constraint that checks ...

Keywords: Context-dependent access control, constraints engineering, control

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